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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/757,302	01/14/2004	Ting He	3994994-148069	4457
23570 7590 05/12/2010 PORTER WRIGHT MORRIS & ARTHUR, LLP INTELLECTUAL PROPERTY GROUP 41 SOUTH HIGH STREET 28TH FLOOR COLUMBUS, OH 43215				
EXAMINER				
CHEN, KEATH T				
ART UNIT		PAPER NUMBER		
1712				
MAIL DATE		DELIVERY MODE		
05/12/2010		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## **DETAILED ACTION**

### ***Response to Amendment***

1. The replacement drawing, filed on 04/30/2010, will be entered if submitted in a separate paper. The proposed claim amendment, filed on 04/30/2010, addressing claims 1-3 and 5-20 rejection from the final office action (03/18/2010), by amending claims 1-2, 6, and 8-20 and cancelling claims 3, 5, and 7 is NOT entered because, at least, the new limitations in claims 1 (at least the load lock chamber, selected sample assembly, a predetermined type and in a predetermined amount) requires further consideration and/or search.

### ***Response to Arguments***

Applicant's arguments filed 04/30/2010 have been fully considered but they are not persuasive.

2. In regarding to 35 USC 103(a) rejection of claim 1, Applicants argue that Wu '671 does not disclose controlling the amount of plasma deposited on the substrate by varying the power supplied to the gun, because '671 control plasma deposit amount through the use of masks, see the fourth paragraph of the first page of the remarks.

This argument is found not persuasive.

'671 clearly teaches varying the power of the electron beam sources, and is **capable** of control the deposit amount by varying the power supplied to the gun, "components are delivered ... simultaneously ... the power of two electron beam sources can be varied so that component A is delivered to the substrate in increasing or decreasing amounts while component B is either delivered in a constant amount or

varied in the opposite direction of component A. In another example, two or more components are delivered using any of the delivery techniques described herein" (col. 18, lines 28-38).

By the way, the varying the "power supplied to the gun" is not part of claim 1 limitation.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KEATH T. CHEN whose telephone number is (571)270-1870. The examiner can normally be reached on 6:30AM-3 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Cleveland can be reached on 571-272-1418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/757,302  
Art Unit: 1712

Page 4

/K. T. C./  
Examiner, Art Unit 1712

/Michael Cleveland/  
Supervisory Patent Examiner, Art Unit 1712